

APGA POG Incident Database – Data collection form

Incident / Corrosion / SCC:

Drop down lists for this page:

<ul style="list-style-type: none"> Event Category 	
Near Miss	<ul style="list-style-type: none"> Event Category
Incident	Incident

Drop down list revealing additional field:

<ul style="list-style-type: none"> Date of Event Known? 	<ul style="list-style-type: none"> Date of Event Known?
Known	Known
Unknown	<ul style="list-style-type: none"> Date of Event

ACTIVITIES ⌵ ×

- Start
- Find a Pipeline Event
- Create Event
- Incident by Cause

Start
 Create Event ×

Explanatory Notes

Pipe Details

- Pipe Diameter (mm)
- Pipe Wall Thickness (mm)
- Steel Grade
- Steel Strength
- Maximum allowable operating pressure (kPa)
- Depth of Cover (mm)
- Pipeline Age (years)
- Primary Location Class
- Secondary Location Class

Operating Pressure at Time of Event (kPa)

Operating Temperature at Time of Event (C)

- Hydrostatic Test Pressure (kPa)
- Date of latest Hydrostatic Test Pressure Known?
- Fracture Toughness Known?

Drop down lists for this page:

• Steel Grade	• Steel Grade			
API 5L Grade A	API 5L Grade X60			
API 5L Grade B	API 5L Grade X65			
API 5L Grade X42	API 5L Grade X70			
API 5L Grade X46	API 5L Grade X80			
API 5L Grade X52	ASTM A53 Grade B			
API 5L Grade X56	SAA Grade A33 Class D			
API 5L Grade X59	Other			
		• Steel Strength		
		PSL1		
		PSL2		
		Unknown		
			• Primary Location Class	
			R1	
			R2	
			T1	
			T2	
				• Secondary Location Class
				S
				CIC
				I
				HI
				W
				N/A

Drop down lists revealing additional fields:

• Date of latest Hydrostatic Test Pressure Known?

Known

Unknown

• Date of latest Hydrostatic Test Pressure Known?

Known

• Hydrostatic Test Date

• Fracture Toughness Known?

Known

• Fracture Toughness (J Cv10)

• Toughness Test Temperature (C)

• Fracture Toughness Known?

Known

Unknown

Drop down lists for this page:

Risk

• How many years since the last safety management study

0-1

1-2

2-3

3-4

4-5

>5

Drop down lists revealing additional fields:

• Was this threat identified in the safety management study

Yes

No

• Was this threat identified in the safety management study

Yes

• Did the safety management study consider the threat to be controlled

• Were threat management measures implemented to minimise the risk

ACTIVITIES ⌵ ×

- Start
- Find a Pipeline Event
- Create Event
- Incident by Cause

Start

Create Event ×

Explanatory Notes

Cause Details

- What was the cause of the event

Cause Details

- What was the cause of the event
- External Interference
- Corrosion
- Erosion or Earth Movement
- Lightning
- Construction Defect
- Material defect
- Other

ACTIVITIES ⌵ ×

- Start
- Find a Pipeline Event
- Create Event
- Incident by Cause

Start

Create Event ×

Explanatory Notes

Cause Details

- What was the cause of the event

Corrosion

Corrosion Details

- Type of corrosion
-

- Type of corrosion
- External
- Internal
- SCC

- Is the pipeline piggable?
-

• Type of corrosion

SCC

• Is the pipeline piggable?

• Linepipe coating type

• Linepipe coating condition

Further comment on linepipe coating

• Joint or repair coating type

• Joint or repair coating condition

Further comment on joint or repair coating

• Cathodic protection system

Pipe-soil potential (mV to Cu/CuSO4)

Other factors affecting external corrosion

• How long since last in-line inspection (years)

0-1

1-2

2-3

3-4

• Is the pipeline piggable?

Yes

• How long since last in-line inspection (years)

No

4-5

5-6

6-7

7-8

8-9

>10

• Linepipe coating type

Extruded HDPE

FBE (single layer)

FBE (dual layer)

Trilaminate

Enamel (coal tar or bituminous)

Tape wrap

Liquid applied coating

Other

N/A

• Linepipe coating type

Other

• "Factory" or "over the ditch" linepipe coating

Factory applied

Over the ditch application

• Linepipe coating condition

Bonded

Disbonded but protected

Disbonded but shielded

• Joint or repair coating type

Liquid-applied coating

Heat shrink sleeve

Tape

Same as linepipe

N/A

Other

• Joint or repair coating type

Other

Joint or repair coating type Other

Other

• Joint or repair coating condition

Bonded

Disbonded but protected

Disbonded and shielded

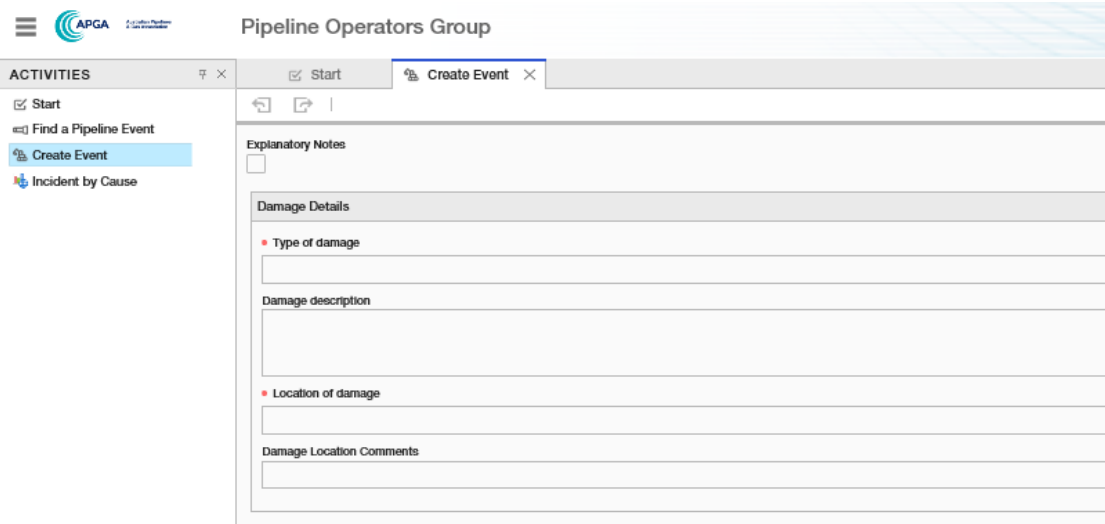
• Cathodic protection system

Impressed current

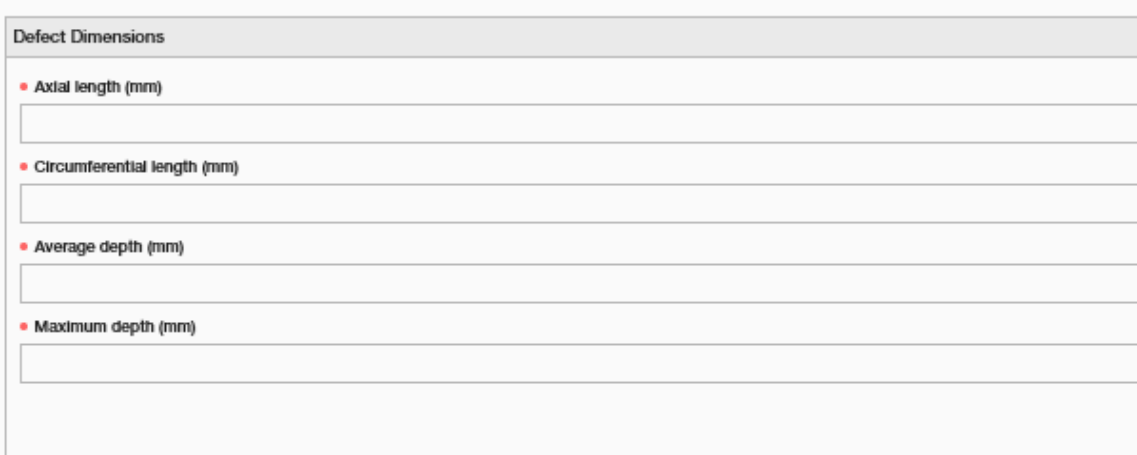
Galvanic anode

Combined

None



Drop down lists revealing additional fields:



Defect Position
<ul style="list-style-type: none"> Circumferential Position (Start) <input type="text"/>
<ul style="list-style-type: none"> Circumferential Position (End) <input type="text"/>
<ul style="list-style-type: none"> Distance from seam weld known? <input type="text"/>
<ul style="list-style-type: none"> Distance from girth weld known? <input type="text"/>

Drop down lists for this page:

Circumferential Position (Start)			Circumferential Position (End)		
12:00	03:30	07:00	12:00	03:30	07:00
12:30	04:00	07:30	12:30	04:00	07:30
01:00	04:30	08:00	01:00	04:30	08:00
01:30	05:00	08:30	01:30	05:00	08:30
02:00	05:30	09:00	02:00	05:30	09:00
02:30	06:00	09:30	02:30	06:00	09:30
03:00	06:30	10:00	03:00	06:30	10:00
		10:30			10:30

Drop down lists revealing additional fields:

<ul style="list-style-type: none"> Distance from seam weld known? 	<ul style="list-style-type: none"> Distance from seam weld known?
Known	Known
Unknown	<ul style="list-style-type: none"> Distance from seam weld (mm) <input type="text"/>
N/A	
	<ul style="list-style-type: none"> Distance from girth weld known?
<ul style="list-style-type: none"> Distance from girth weld known? 	Known
Known	<ul style="list-style-type: none"> Distance from girth weld (mm) <input type="text"/>
Unknown	

Critical Defect Length for rupture	
<ul style="list-style-type: none"> Critical defect length for rupture known? <input type="text"/>	
<ul style="list-style-type: none"> Critical defect length for rupture known? 	<ul style="list-style-type: none"> Critical defect length for rupture known?
Known	Known
Unknown	<ul style="list-style-type: none"> Critical defect length (mm) <input type="text"/>

ACTIVITIES 7 x

- Start
- Find a Pipeline Event
- Create Event**
- Incident by Cause

Start Create Event x

Explanatory Notes

Repair Details

Type of Repair

Repair Description

Repair Details

Type of Repair

Cut out and replace

Welded sleeve

Mechanical clamp

Composite Fibre Reinforcement

Dress and re-coat

Re-coat

Other

Type of Repair

Other

Repair Type Other

ACTIVITIES Start Create Event

Start
Find a Pipeline Event
Create Event
Incident by Cause

Explanatory Notes

Fatalities

Were there any fatalities?

Were there any fatalities?

Yes

Number of Fatalities

Distance of fatalities from event known?

Known

Distance of farthest fatality from event (m)

Unknown

Injuries

Were there any injuries?

Were there any injuries?

Yes

Number of people injured

Distance of injuries from event known?

Known

Distance of farthest injury from event (m)

Unknown

Property Damage

Was there any property damage?

Was there any property damage?

Yes

Property damage (\$)

Is the distance of property damage from event known?

Known

Distance of property damage farthest from event (m)

Unknown

Supply Interruption

Was there a period of failure to supply?

Was there a period of failure to supply?

Yes

Period of failure to supply (hours)

Was there a period of reduced supply?

Yes

Period of reduced supply (hours)

Loss of Containment	
<ul style="list-style-type: none"> Was there a loss of containment? 	
<input type="text"/>	

<ul style="list-style-type: none"> Was there a loss of containment? 		<ul style="list-style-type: none"> Was there a loss of containment? 	
Yes	Yes	Type of Containment Loss	Gas
No	Type of Containment Loss		Liquid

Type of Containment Loss	<ul style="list-style-type: none"> Volume of gas lost known? 		<ul style="list-style-type: none"> Volume of gas lost known? 	
Gas	Known	Known	Known	
Volume of gas lost known?	Known	Volume of gas lost ('000 Sm3)		
	Unknown			

Type of Containment Loss	<ul style="list-style-type: none"> Volume of liquid spilled known? 		<ul style="list-style-type: none"> Volume of liquid spilled known? 		<ul style="list-style-type: none"> Volume of liquid recovered known? 	
Liquid	Known	Known	Known	Known	Known	Known
Volume of liquid spilled known?	Known	Volume of liquid spilled (L)		Volume of liquid recovered known?		
Volume of liquid recovered known?	Unknown			Unknown		
Volume of liquid recovered known?						
Known						
Volume of liquid recovered (L)						

Environmental Damage	
<ul style="list-style-type: none"> Was there Environmental Damage? 	
<input type="text"/>	
<ul style="list-style-type: none"> Was there Environmental Damage? 	
Yes	Yes
No	Environmental Damage
	<input type="text"/>

Feedback
Feedback on this event reporting process
<input type="text"/>